



Twenty-Seventh Annual ESRI International User Conference

June 18–22, 2007
San Diego, California

TECHNOLOGY KEYNOTES

- K1 Dynamic Modeling with ArcGIS**
David Maguire
- K2 Modeling Geographic Information**
Scott Morehouse
- K3 High Anxiety: The Evolution and Future Role of GIS in Digital Mapping**
Clint Brown

ANALYSIS AND GEOPROCESSING

- 599 ArcGIS Spatial Analyst - Suitability Modeling**
Kevin Johnston, Jill Willison
- 722 Creating and Using ArcGIS Server Geoprocessing Services**
Nathan Warmerdam, Jason Pardy
- 614 Linear Referencing - An Introduction**
Heather McCracken, Aisha Jenkins
- 577 Python Scripting - An Introduction**
David Wynne, Jeffrey Bigos
- 592 ArcGIS Spatial Analyst - Customizing and Expanding Capabilities**
Nawajish Noman, Steve Lynch, Ryan De Bruyn
- 641 Geocoding - Advanced Techniques**
Agatha Wong, Sergey Ivanenko
- 654 ModelBuilder - Advanced Techniques**
Scott Murray
- 757 Stereo Analyst for ArcGIS - An Introduction**
Julie Teal
- 582 Working with 3D Analyst Geoprocessing Tools**
Clayton Crawford, Jinwu Ma
- 732 3D Analyst - Introduction to the Terrain Dataset**
Clayton Crawford, Lindsay MacDonald
- 601 ArcGIS Spatial Analyst - Statistical Modeling**
Kevin Johnston, Ryan De Bruyn
- 904 Building Custom Geoprocessing Tools with .NET**
Jason Pardy, Bill Moreland
- 655 Python Scripting - Advanced Techniques**
Corey Tucker, Nathan Warmerdam
- 597 3D Analyst - An Introduction**
Hardeep Bajwa, Deepinder Deol
- 593 ArcGIS Spatial Analyst - An Introduction**
Steve Kopp, Jill Willison
- 642 Geocoding - An Introduction**
Agatha Wong, Oli Helm



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ANALYSIS AND GEOPROCESSING (CONT.)

- 756 Image Analysis for ArcGIS - An Introduction**
Julie Teal
- 653 ModelBuilder - An Introduction**
Beth Tulanowski, Dale Honeycutt
- 901 Case Studies - Problem Solving Methods**
Corey Tucker, Dale Honeycutt
- 602 Data Interoperability - An Introduction**
Kimberly Avery
- 600 Geostatistical Analyst - An Introduction**
Steve Lynch, Konstantin Krivoruchko
- 581 Network Analyst - Data Preparation**
Alan Hatakeyama, Colin Childs
- 580 Using Spatial Statistics**
Lauren Scott, Mark Janikas
- 920 IDRISI Land Change Modeler for ArcGIS: An Introduction**
Kevin Johnston, Ron Eastman, James Toledano
- 1006 Spatial Statistics - Applications in Public Health and Safety**
Lauren Scott
- 594 ArcGIS Spatial Analyst - Hydrologic Modeling**
Steve Kopp, Nawajish Noman
- 603 Geostatistical Analyst - An Introduction to Geostatistical Theory**
Konstantin Krivoruchko
- 900 ModelBuilder - An Introduction to Dynamic Simulation Modeling**
Kevin Johnston
- 590 Network Analyst - An Introduction**
Matt Crowder, Jay Sandhu
- 620 Query and Analysis with ArcMap - Tips and Tricks**
Kristine Magnuson, Jeffrey Bigos
- 608 Network Analyst - Building Custom Routing Applications**
Matt Crowder, Michael Rice
- 906 Working with Temporal Data in ArcGIS**
Steve Kopp, Tom Brown
- 721 Using Geoprocessing Tools in .NET and Java with ArcGIS Engine**
Jason Parady, Nobbir Ahmed

ARCGIS ONLINE

- 923 Best Practices for Creating and Using ArcGIS Online Services**
Deane Kensok, Jeremy Bartley, Jim Mason
- 922 Understanding and Using ArcGIS Online**
Deane Kensok, Bernie Szukalski



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ARCWEB SERVICES

- 639 How to Develop Rich, Web 2.0 Style Flash Mapping Applications Using ArcWeb Services**
Mansour Raad, Jay Alder
- 651 Migrating Your ArcWeb Applications Using the Latest APIs**
Bjorn Svensson, Jeffrey Robidoux, Jun Liu
- 650 Using the ArcWeb SOAP & REST APIs**
Bjorn Svensson, Marwa Mabrouk
- 640 An Introduction to ArcWeb Services**
James Killick, Andy Gup
- 573 Developing Wireless, Tracking, and Mobile Workforce Applications**
Marwa Mabrouk, Mansour Raad

DEVELOPER-EDN

- 710 Building Solutions with ArcGIS Engine and .NET**
Hisham Abdel-Massih, Mike Rudden, Anne Frankland
- 712 Extending ArcGIS Desktop with .NET**
Jack Horton, Kevin Deege
- 675 Advanced ArcGIS Engine Development with .NET**
Hisham Abdel-Massih, Mike Rudden, Anne Frankland
- 899 Getting Started With ArcObjects**
Rob Burke, Undral Batsukh
- 714 Advanced ArcGIS Engine Development with Java**
Rohit Singh, Divesh Goyal, Ranjit Iyer
- 709 Building Custom ArcReader Applications**
Dara Hughes, Robert Dunfey
- 755 Building Solutions with ArcGIS Engine and Java**
Divesh Goyal, Ranjit Iyer
- 902 Developer's Guide to the ArcObjects Mapping and Visualization APIs**
Kent Marten, Jeremy Wright, Michael Grossman, Craig Williams
- 903 Developer's Guide to the ArcObjects 3D Visualization APIs**
Tamrat Belayneh, Nathan Shephard

ENTERPRISE SYSTEMS

- 570 Planning - A Project Management Perspective**
Maroun Mounzer, Charlie Wells
- 676 Strategy - Developing an Effective GIS Technology Strategy**
Scot McQueen
- 587 Planning - Geodatabase Solutions**
John Meza, John Alsup Jr
- 759 Strategy - ESRI's Enterprise Strategy**
David Busser, Larry Boden



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ENTERPRISE SYSTEMS (CONT.)

- 572 Design - Using Citrix**
Ty Fabling, Jeff DeWeese, Brian Price
- 677 Integration - Options and Considerations**
Johan Herrlin, Carsten Piepel
- 569 Design - System Configuration and Infrastructure Planning**
Dave Peters, Tom Pattison
- 678 Design - Architecture Deployment Options**
Sandy Milliken Jr, Ty Fabling
- 700 Case Studies: Implementing a Multi-participant GIS Using a Service-Oriented Architecture (SOA) Solution**
Peter Bottenberg, Ed Carubis
- 760 Case Studies - Implementation Experiences**
Ginger Chugg, Mike Pratka, Jeremy Hood, Matt Bottenberg, Marcelo Marques
- 681 Design - Secure Solutions**
Rand Woolley Jr, Michael Young

FUNDAMENTALS

- 733 Basic Principles of Cartographic Design**
Makram Murad-Al-Shaikh, Jonathan Brooks
- 728 OGC Web Services Support in ESRI Products**
Keith Ryden, Satish Sankaran, Dan Zimble
- 591 ArcGIS Publisher and ArcReader - An Introduction**
Mark Bockenbauer, Matt Ungerer
- 610 Editing in ArcMap - An Introduction**
Colin Childs, Steven Rozic
- 630 Creating Reports Using Crystal Reports XI - An Introduction**
Mark Stewart, Jorge Ruiz-Valdepena, Cam Davie
- 666 Using Map Projections and Coordinate Systems**
Melita Kennedy, Shawn Simpson
- 776 Learning Essential GIS Workflows**
Jennifer Hughey, Kerri Manorek
- 731 Managing ArcGIS with ArcCatalog**
Ryan Otto, Chris Bentley
- 576 Managing Metadata with ArcGIS**
Ben Schmitz, Aisha Jenkins
- 613 Working with Tables, Graphs, and Reports**
Kent Marten, Matthew Baker
- 619 Working with ArcMap - Tips and Tricks**
Danielle Hopkins, Bronwyn Agrios



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GEODATABASE

- 693 Administration for SQL Server – An Introduction**
Derek Law, Nader Al-Alem
- 656 Advanced CAD Data Use**
Don Kuehne, Karen Hodge
- 615 Arc Hydro Data Model**
Dean Djokic, David Maidment
- 606 Data Integration and Topology**
J D Overton, Arthur Robinson Jr
- 575 Data Model Design Methods**
Steve Grise
- 660 What's New in 9.2 Geodatabase and ArcSDE**
Craig Gillgrass, Tom Brown, Gary MacDougall
- 687 Administration for Oracle - Advanced**
Tom Brown, Robert Rader II
- 696 Managing Raster Data in a Geodatabase**
Dan Meeks, Mark Harris, Qian Liu
- 609 Using CAD Data in ArcGIS**
Phil Sanchez, Jeff Reinhart
- 665 What is ArcGIS and the Geodatabase?**
Clint Brown
- 694 Administration for SQL Server – Advanced**
Shannon Shields, Olena Smith
- 605 Editing with ArcGIS - Tips and Tricks**
Colin Childs, Wayne Hewitt
- 673 Groundwater Data Model**
Steve Grise, Gil Strassberg
- 743 Managing Distributed Data with Geodatabase Replication**
Gary MacDougall, Heather McCracken
- 690 Topology in the Geodatabase**
Erik Hoel, Doug Morgenthaler
- 638 Weather and Climate Data Model**
Steve Kopp, Olga Wilhelmi, Jennifer Boehnert, Ben Domenico, Keith Stellman, Ira Graffman
- 692 Administration for Oracle – An Introduction**
Kasia Tuszynska, James Gough
- 685 Geodatabase – An Introduction**
Brent Pierce, Colin Zwicker
- 698 Geometric Networks in the Geodatabase**
Craig Gillgrass, Erik Hoel
- 718 Working with Raster Data in ArcGIS**
Simon Woo, Hong Xu, Melanie Harlow
- 634 Local Government GIS Template**
Steve Grise
- 688 Enterprise Geodatabase Tuning - Tips and Tricks**
Gudmundur Hafberg, Shannon Shields



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GEODATABASE (CONT.)

- 611 Parcel Editing and Management in ArcGIS**
Larry Young, J D Overton
- 689 Programming with the Geodatabase API**
Brent Pierce, Colin Zwicker
- 748 Understanding Geodatabase Editing Workflows – Advanced**
Tom Brown, Robert Rader II
- 636 Parcel Data Model**
Tim Hodson
- 704 Integrating the Geodatabase with Enterprise Databases**
Gudmundur Hafberg, Jim McAbee III
- 750 Survey Analyst - An Introduction to the Cadastral Editor**
Tim Hodson, Christine Leslie, Christopher Buscaglia, Kevin M Kelly
- 686 Understanding Geodatabase Editing Workflows - An Introduction**
Derek Law, Kasia Tuszynska
- 919 Using SQL with the Geodatabase**
Tom Brown, Thomas Dunn, Juliette Gutierrez
- 588 Address Data Model**
Agatha Wong, Sergey Ivanenko
- 607 Programming with the ArcMap Editor API**
Doug Morgenthaler, Lisa Crowe
- 635 Transportation Data Model**
Terrence Bills

MOBILE GIS

- 672 ArcPad 7 Customization**
Craig Greenwald, Elvin Slavik
- 744 ArcPad 7.1 - An Introduction**
Jian Lange, Elvin Slavik
- 745 ArcPad 7 - Advanced Customization**
Craig Greenwald, Elvin Slavik
- 774 ESRI Mobile GIS Solutions Overview**
Mel Philbrook, Jian Lange, Jeff Shaner, Jeff Rogers
- 930 GeoCollector - Field-to-Office Workflows and Analysis**
Marika Vertzonis, Mel Philbrook, Edan Cain
- 747 Developing Applications with ArcGIS Server Mobile SDK**
Jianye Chen, Glenn Meister
- 929 GeoCollector - Field Data Collection Techniques**
Sean Jones, Mel Philbrook, Marika Vertzonis, Edan Cain
- 769 GPS Concepts and Best Practices**
Mel Philbrook, Craig Greenwald, Mike Shaw



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SERVER GIS

- 645 Developing Web Applications with Java**
David Cardella, Keyur Shah
- 724 Creating and Using GIS Services**
Sud Menon, Julio Andrade
- 768 Securing Your ArcGIS Server for the Microsoft .NET Framework Site**
Bryan Baker, Kevin Doshier
- 682 Deploying and Using ArcGIS Explorer**
Bernie Szukalski, Mark Bockenbauer
- 765 Securing Your ArcGIS Server for the Java Platform Site**
Jay Theodore, Jose Thomas
- 644 Developing Web Applications with .NET**
Rex Hansen, Art Haddad
- 708 Getting Started with ArcGIS Server**
Bryan Baker, Sterling Quinn
- 717 Developing Java Applications with the Enterprise ADF**
Ajit Dharmik, David Cordes, Divesh Goyal
- 741 Programming Custom Tasks for ArcGIS Explorer**
Dara Hughes, Rob Dunfey
- 646 Optimizing Your ArcIMS Maps**
Sathya Prasad, Canserina Kurnia
- 715 Using ArcGIS Image Server**
Peter Becker, Feroz Abdul-Kadar
- 799 Case Studies of Building and Deploying Enterprise ArcGIS Server Solutions**
Wittaker Mathot, Carsten Piepel
- 716 Designing, Deploying, and Using Cached Map Services**
Jeremy Bartley, Sterling Quinn

SOLUTION PRODUCTS

- 835 Solutions for Defense - Military Overlay Editor and Military Analyst (Advanced)**
Candace Paulman, Andy Bouffard
- 968 Using Demographic Databases with ArcGIS Business Analyst**
Lynn Wombold, Alan Jackson, Edmond Ting
- 628 Business Analyst - What's New in ArcGIS Business Analyst**
Garry Burgess
- 834 Solutions for Defense - Military Overlay Editor and Military Analyst**
Jesvin Valencia, Mark Romero
- 833 Business Analyst Constituent Profiling - ArcGIS Case Studies**
Kathy Gambée, Lucy Guerra, Sandra Silva
- 837 Implementing the GIS Portal Toolkit**
Marten Hogeweg, Clive Reece



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SOLUTION PRODUCTS (CONT.)

- 629 Business Analyst - An Introduction**
Kyle Watson
- 667 Using the Military Analyst**
Lorraine Funkhouser, Derek Foll
- 627 PLTS - Quality Control and the GIS Data ReViewer**
Thomas Breed, Michelle Johnson
- 657 JTX - Job Tracking Solutions for ArcGIS Desktop and Server - An Introduction**
Malcolm Lobley, Kelly Goldin
- 625 PLTS - Cartography with the Map Production System - Atlas**
Peter Yurkosky, Greg Tieman
- 652 PLTS - An Introduction**
Nathan Noble, Amber Bethell
- 649 Publishing Real-Time Data with the Tracking Server**
Michal Orlikowski, Scott Clark

SYSTEMS MANAGEMENT

- 679 Testing - Performance and Scalability**
Andrew Sakowicz, John Meza
- 836 Installing and Configuring ArcGIS Server**
Mike Hogan, Mike Hatfield
- 626 ArcGIS Server Administration, Configuration, Tuning, and Optimization**
Jeff DeWeese, David Wrazien, James Livingston
- 670 Installing and Administering ArcGIS Software - An Introduction**
Natalie Hansen, Chris Whitmore
- 669 ArcGIS Licensing and Copy Protection - An Introduction**
Badri Lakkur
- 574 Installing and Configuring ArcIMS**
Mike Hogan, Marko Cucnik
- 742 ArcSDE Configuration and Upgrade Strategies**
Eugene Yang, Forrest Jones
- 612 Supporting Your Enterprise GIS - Planning Considerations for Training, Support Services, and Enterprise Support**
Mark Stewart, Walt Rennick, Jacob Baca, Andrew Sakowicz
- 751 Advanced Deployment Topics for ArcGIS Products (ArcGIS Desktop, Engine Runtime, and ArcGIS Server)**
Natalie Hansen, Chris Whitmore



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VISUALIZATION AND CARTOGRAPHY

- 624 Advanced Annotation Tips and Tricks**
Craig Williams, Rhonda Glennon
- 734 Authoring and Publishing Map Services**
Tim Daly, Michael Owens
- 740 Animation in ArcGIS 9.2**
Jill Willison, Hardeep Bajwa
- 622 Labeling, Annotation, Editing, and Text Placement**
Natalie Vines, Peter Kasianchuk
- 604 Maplex for ArcGIS - An Introduction**
Craig Williams, Natalie Vines
- 623 Printing, Exporting, and ArcPress**
Michael Grossman, Jeremy Wright
- 598 3D Analyst - Visualization with ArcGlobe**
Tamrat Belayneh, Milad Ershaghi
- 735 Map Compilation and Page Layout - Tips and Tricks**
Jonathan Fleming, Jonathan Brooks
- 737 Mapping the Results of Your Geographic Analysis - Tips and Tricks**
Aileen Buckley, Charlie Frye
- 752 Visualization Using the Tracking Analyst**
Scott Clark
- 905 Getting to Know Symbols and Styles in ArcGIS**
Jaynya Richards, David Barnes, Aileen Buckley
- 739 Advanced Cartography in ArcGIS**
Edie Punt, Robert Jensen
- 738 Lessons Learned in Cartographic Data Modeling**
Aileen Buckley, Charlie Frye